

8/2/12 Attleboro - Metrol

Refuses Silver Nitrate Feeders -  
Main process uses ammonia

Atleboro } Tom Hayes, Aaron  
                  } Dumont, John Reed  
Mass DEP - Dave Johnston  
M. Frank, J. Guzzaro

in previous operating mode had tank that allowed for  
equilibration / stabilization - "contact stabilization mode"

Contact stabilization mode - complete mix.

Sodium hydroxide ; lime cost

Met w/ Meblor 24 May 2012

had to cut back load ;  $\rightarrow$  contact stabilization mode  
to get nitrification back

During pilot runs able to meet or exceed 8 mg/l  
final effluent limit

Aug 13 \* Change order to install 4K tank for adding MicroC  
to system

1300 mg/l MAHL - Res

173 mg/l as a local limit, <sup>Jan</sup> Want to know  
5000 - 8000 mg/l  $\text{NH}_3$  is current conc.

2008 data Meblor 22.9 mg/l - now, 5000 - 8000 mg/l

Febak - during pilot one method or

CSM went w/ 4 anoxic zones, 6 aerobic zones

Meblor - distribution process (Ammonia stripping)  
discussed 4 treatment technologies in <sup>June</sup> xx letter.  
- Paul will send to Me.

Joe one local limit is approach, <sup>Meblor</sup> will need time to comply ;  
Allegheny will need time under EPA 0

by end of August system will be up ; Running ; meeting  
8 mg/l final limit,

AO requires ~~substantially~~ meeting limit, but another year  
to fine tune

pe - need to make sure local limit is accounting for future  
operations (8.90 / 100 cuft surcharge + 8.65 / 100 cf. Regular use.)  
need to make sure it complies



o left that work w/ ~~Paul~~ Athelboro will continue to approve the local limit. Paul was encouraged to work w/ CSM to get another engineer working on it if the one working on it will be in Vietnam for an extended period,

o they should coordinate w/ me, as appropriate.

